

What is claimed is:

1. A hydrogenated copolymer obtained by  
hydrogenating a copolymer having a softening point  
falling in a range of 45 to 55°C determined by a ball  
5 & ring method, wherein the hydrogenated copolymer  
has a softening point of 85 to 95°C determined by the  
ball & ring method.
2. The hydrogenated copolymer as described in claim  
10 1, wherein the copolymer is obtained from  
cyclopentadiene and/or dicyclopentadiene and a vinyl-  
substituted aromatic compound.
3. A production process for a hydrogenated  
15 copolymer having a softening point of 85 to 95°C  
determined by a ball & ring method, characterized by  
subjecting a copolymer having a softening point  
falling in a range of 45 to 55°C determined by the  
ball & ring method to hydrogenation treatment.
- 20 4. The production process for a hydrogenated  
copolymer as described in claim 3, wherein the  
copolymer is obtained from cyclopentadiene and/or  
dicyclopentadiene and a vinyl-substituted aromatic  
25 compound.

5. A hot melt adhesive composition comprising the hydrogenated copolymer as described in claim 1.

5 6. The hot melt adhesive composition as described in claim 5, wherein the copolymer is obtained from cyclopentadiene and/or dicyclopentadiene and a vinyl-substituted aromatic compound.

10 7. The hot melt adhesive composition as described in claim 5 or 6, further comprising a base polymer and a plasticizer.

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